

1/15

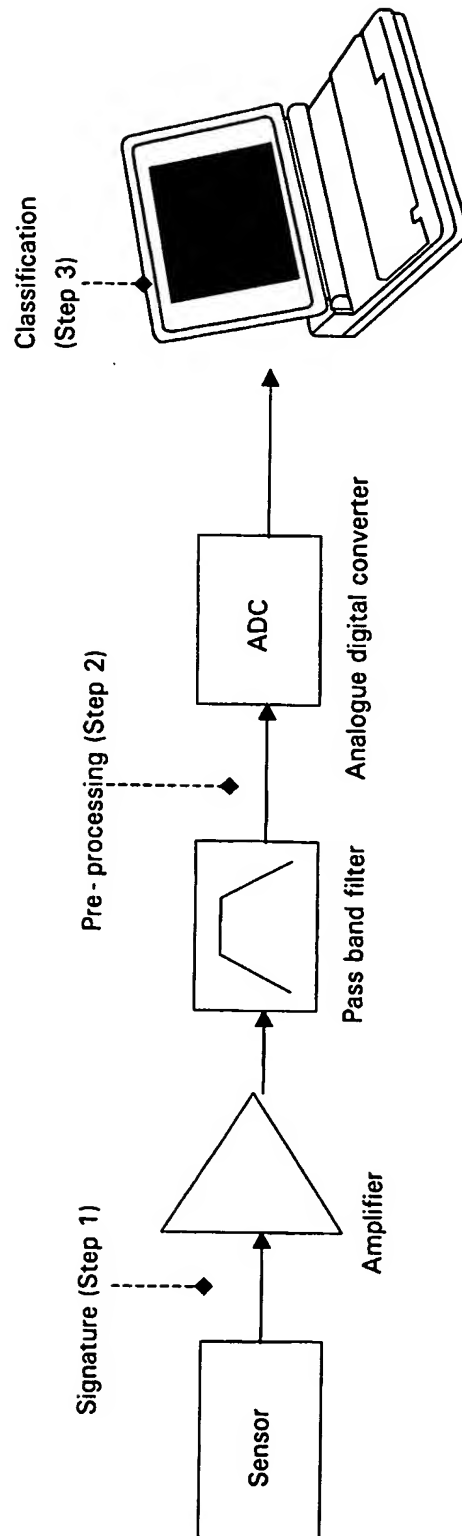
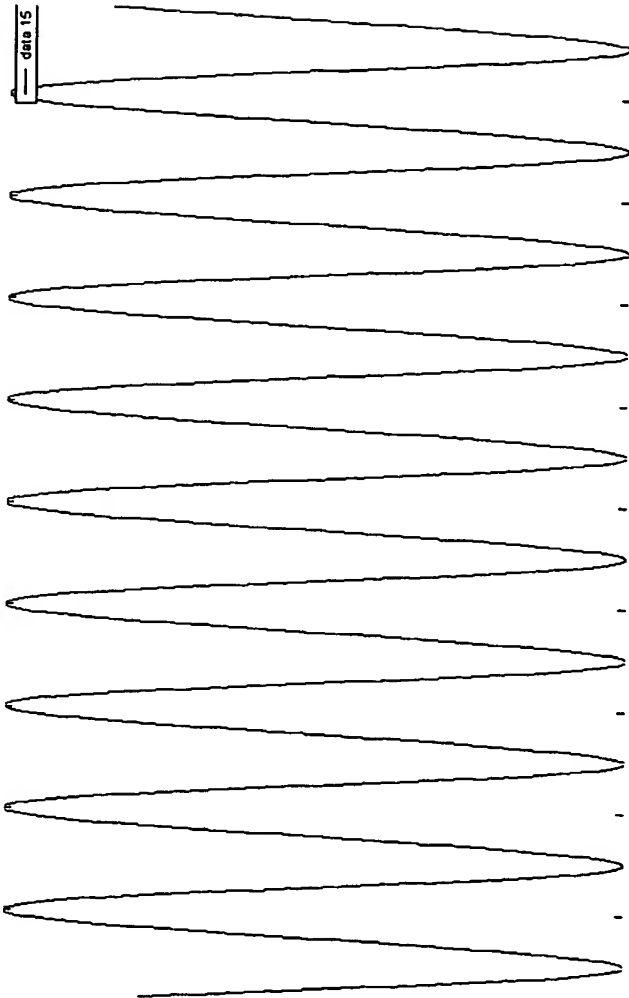


Figure 1



Step 1 – Incoming signature from sensor (time domain)

Figure 2



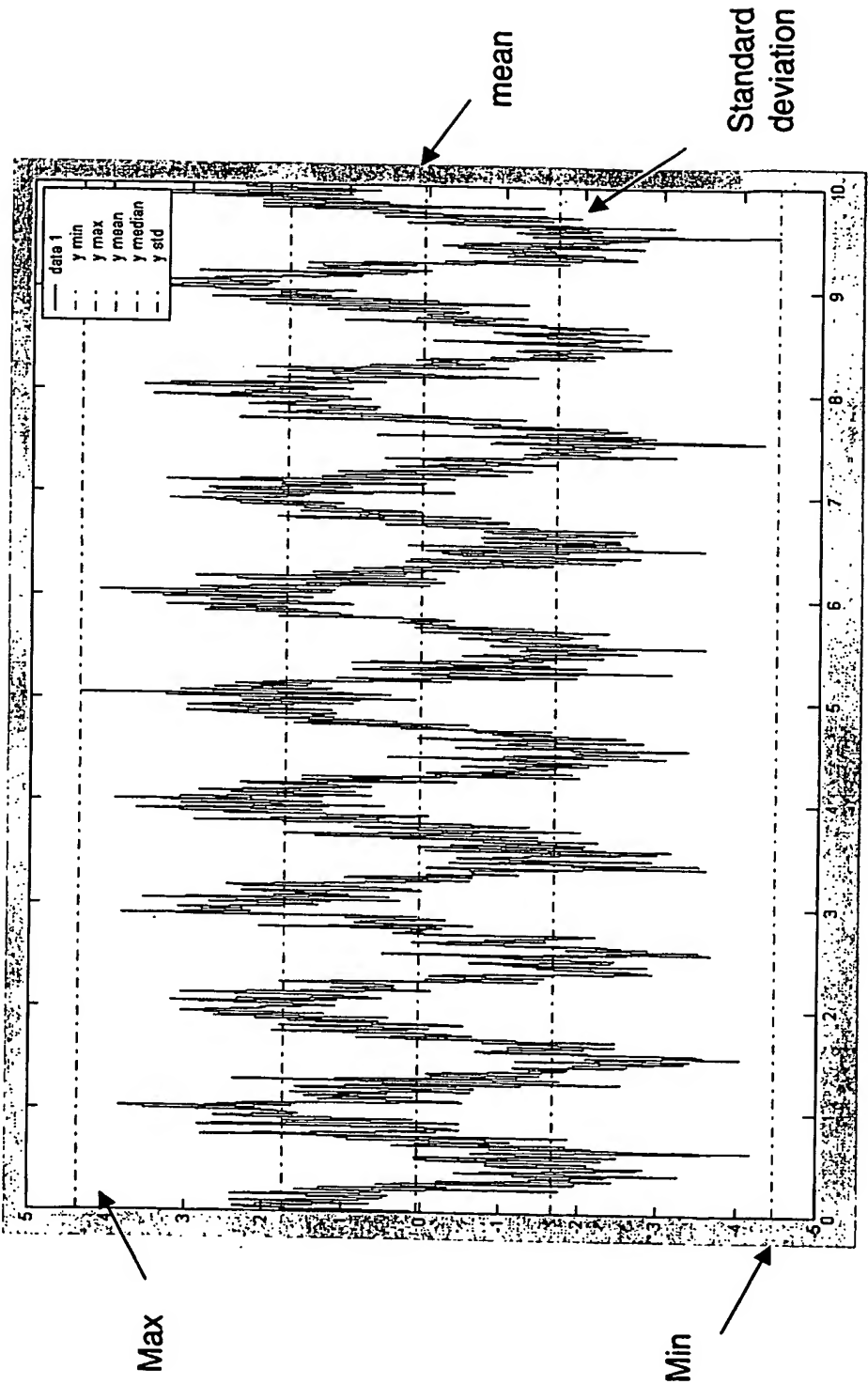
Step 2 – Filtered signature (time domain)

Figure 3



Step 3 – Filtered signature (frequency domain)

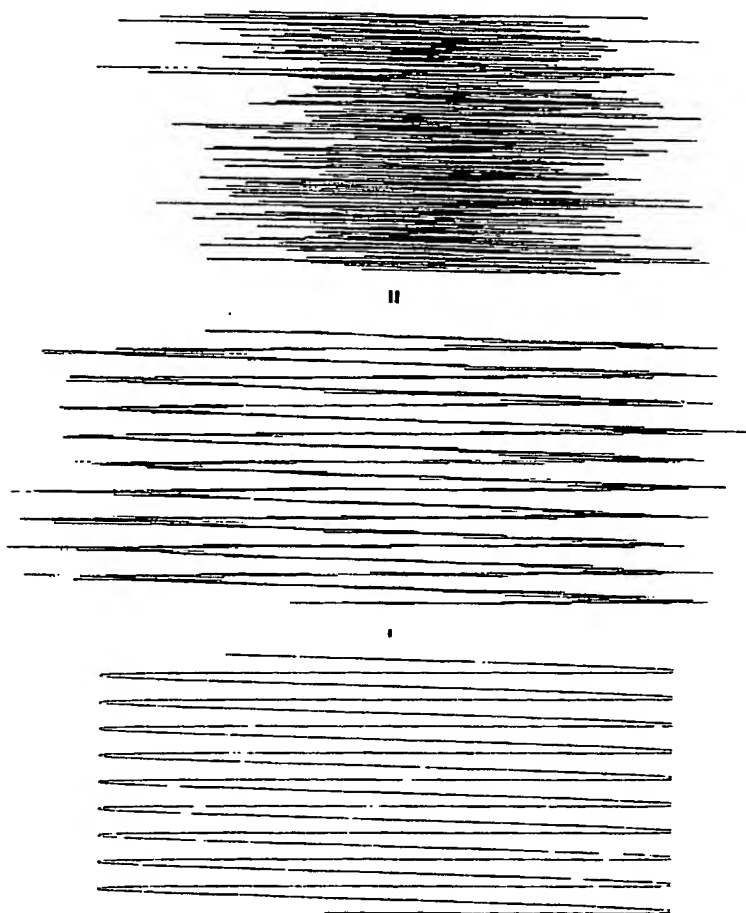
Figure 4



Simple Condition Monitoring uses Thresholds

Figure 5

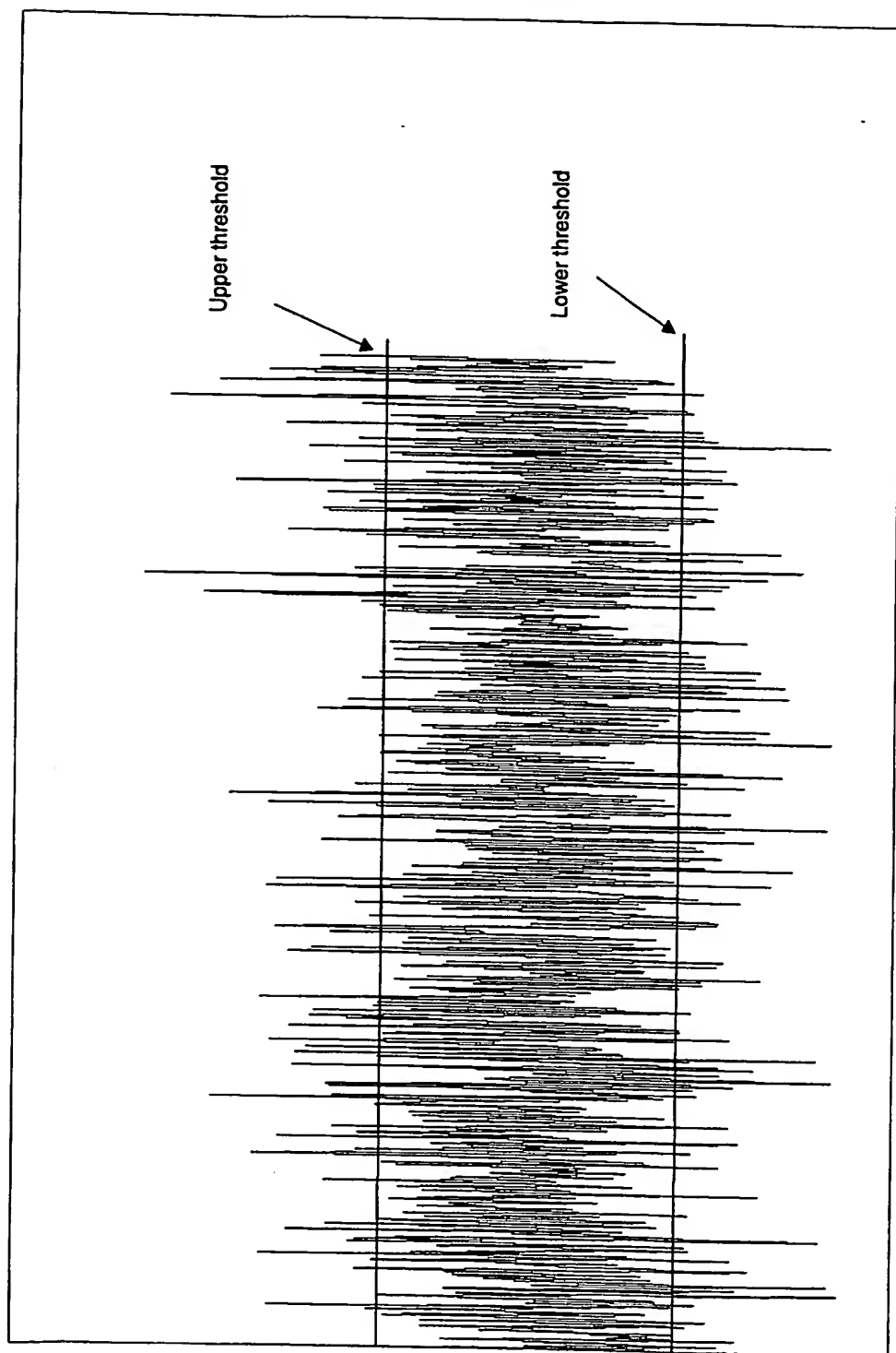
6/15



Subtracting a signature from a reference signature

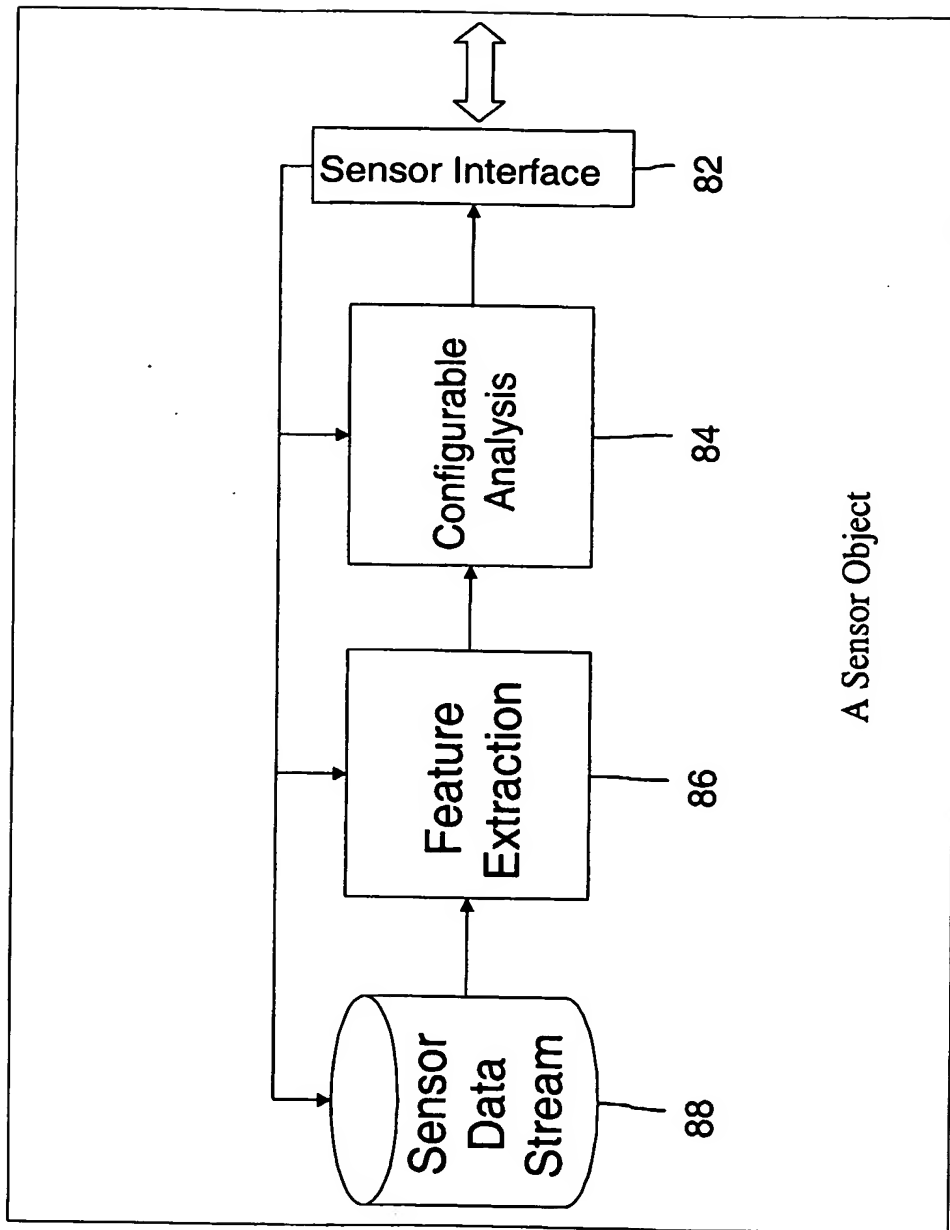
Figure 6

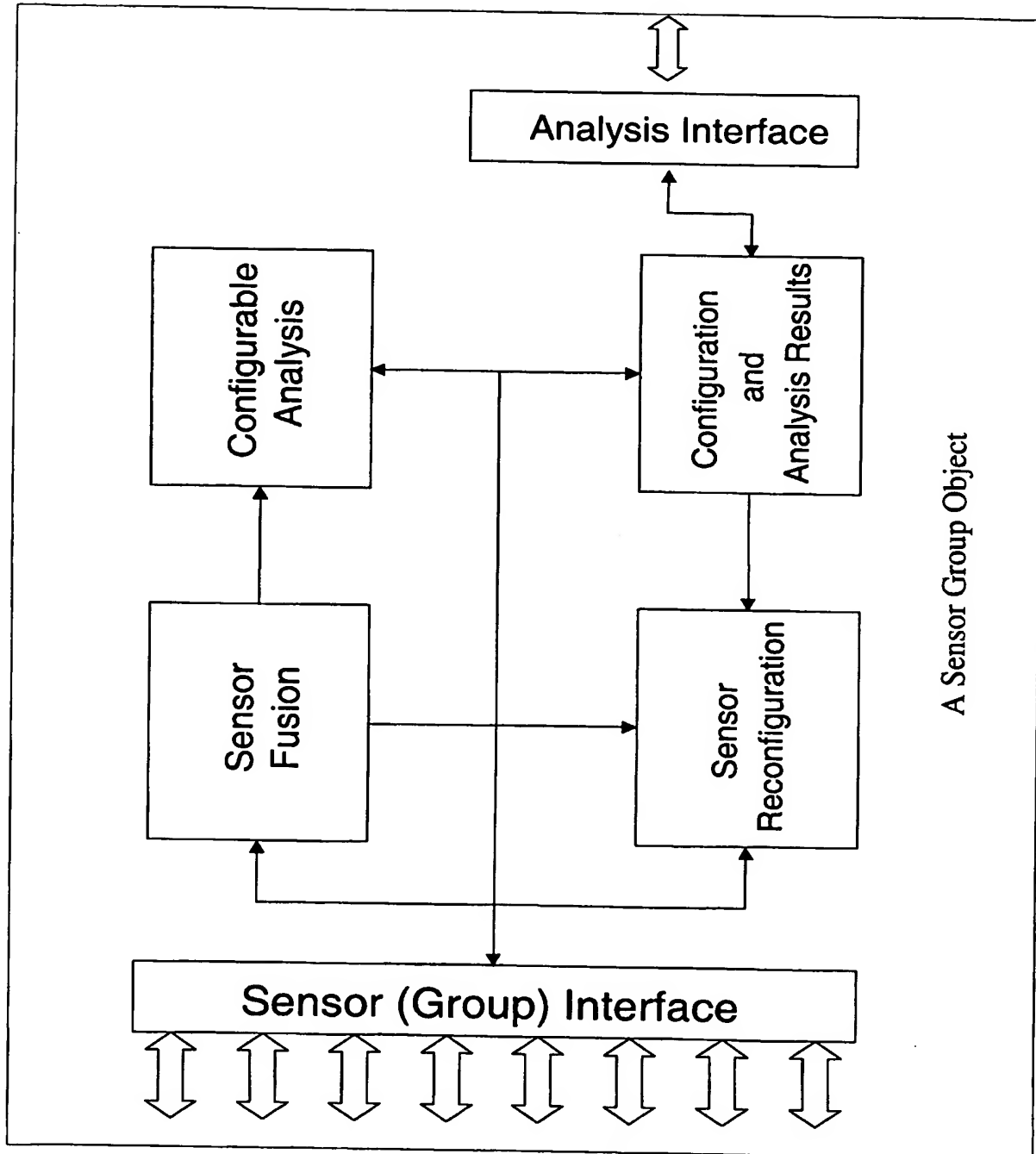
7/15



Thresholds for Error Signals

Figure 7

**Figure 8**

**Figure 9**

10/15

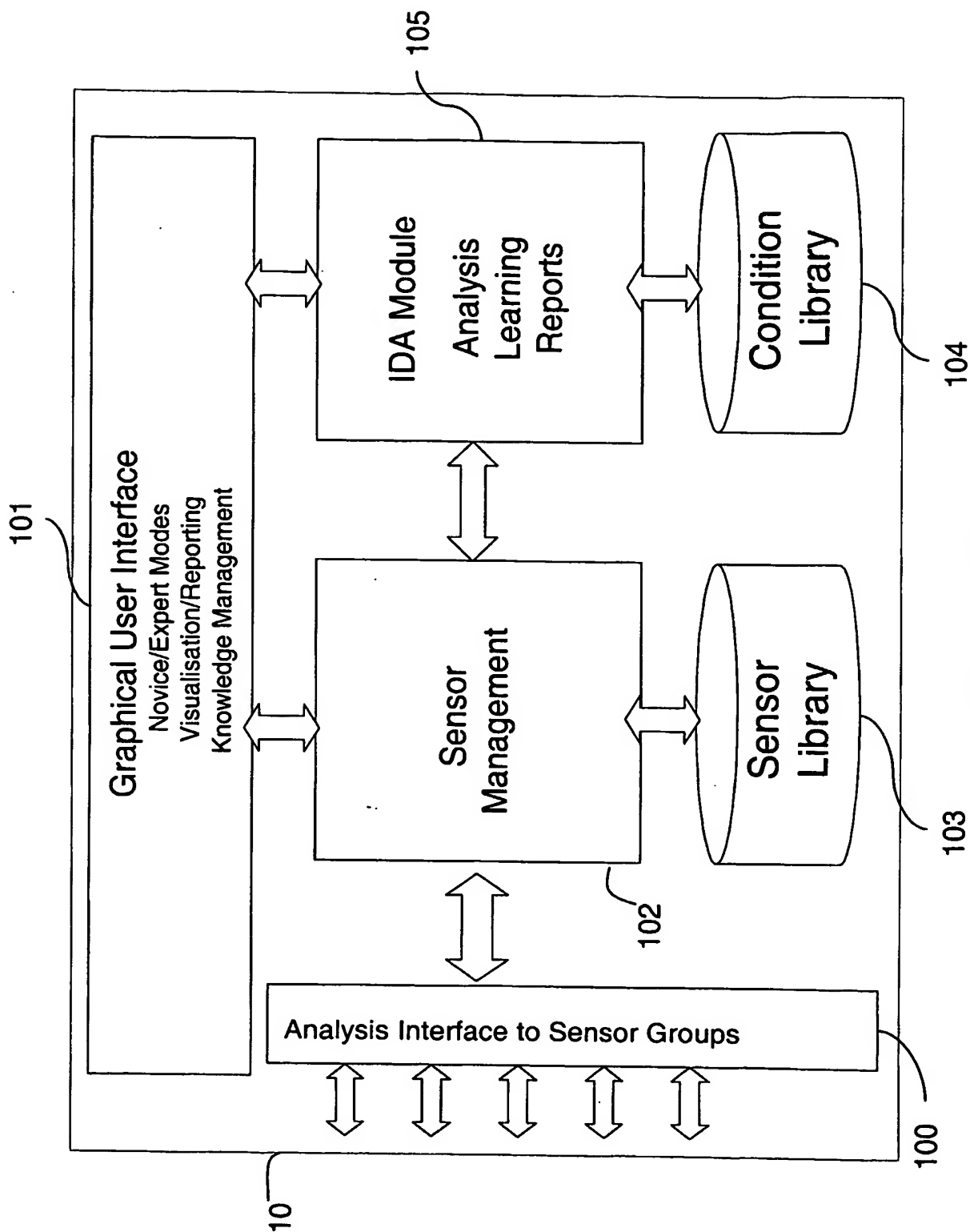


Figure 10

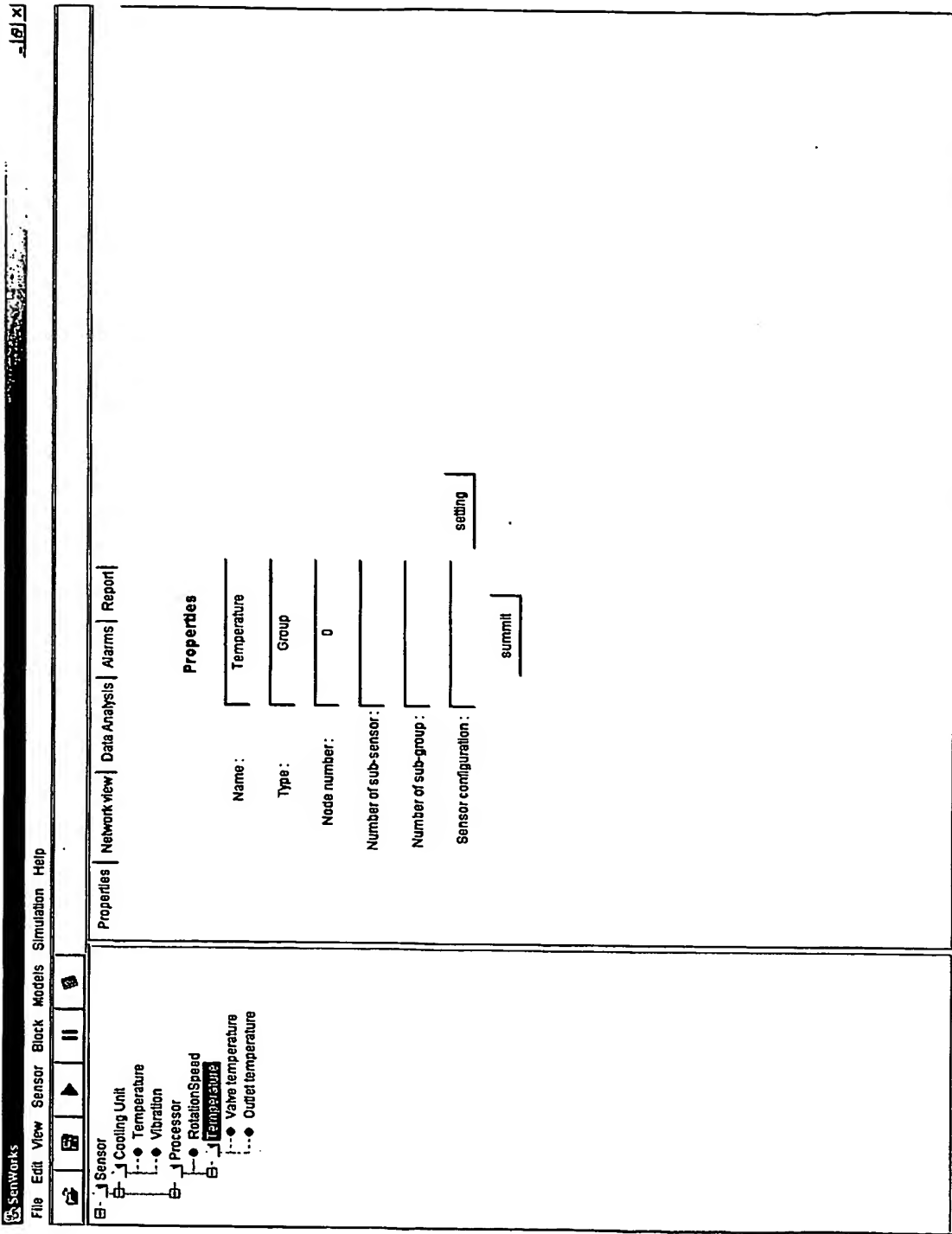


Figure 11

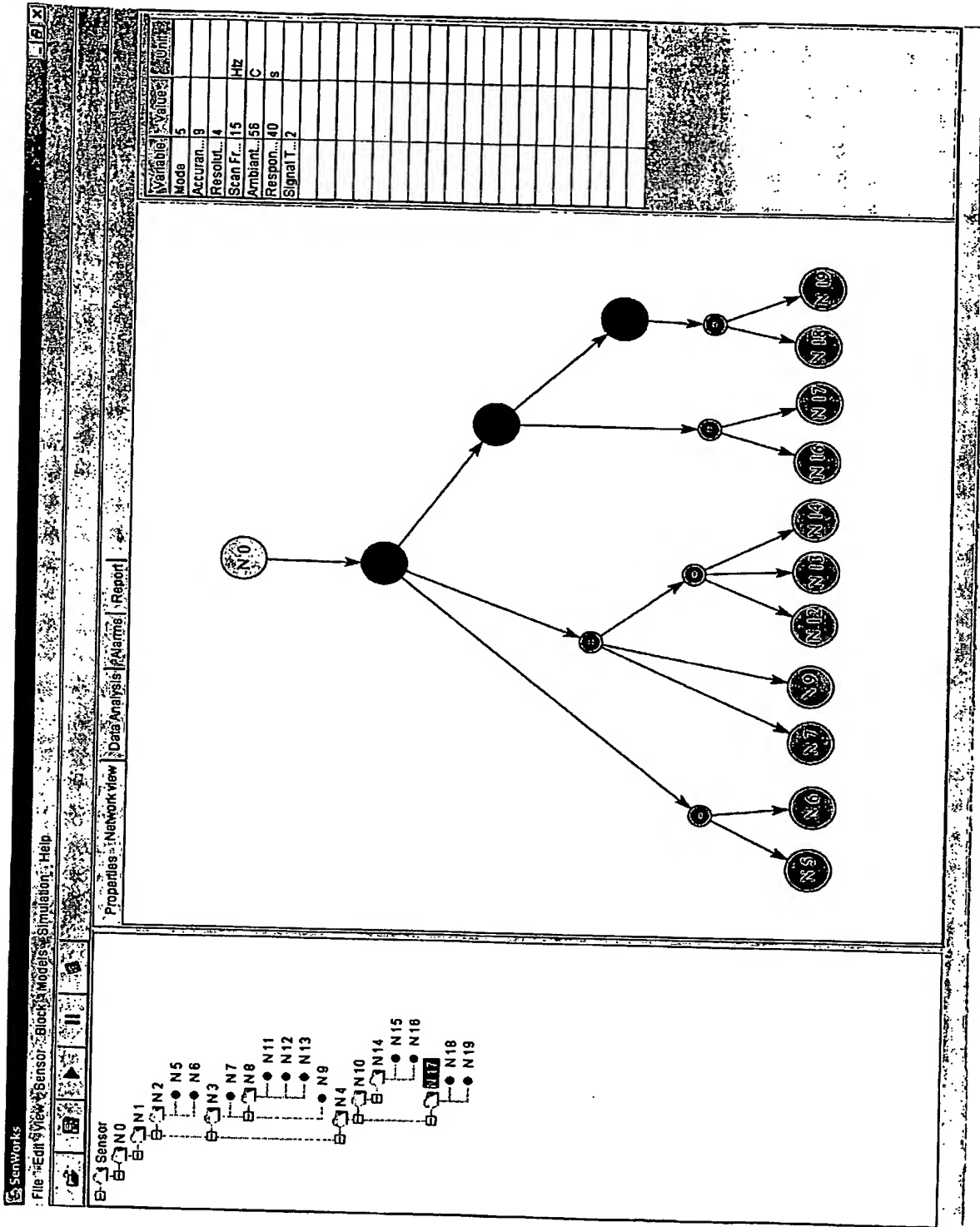


Figure 12

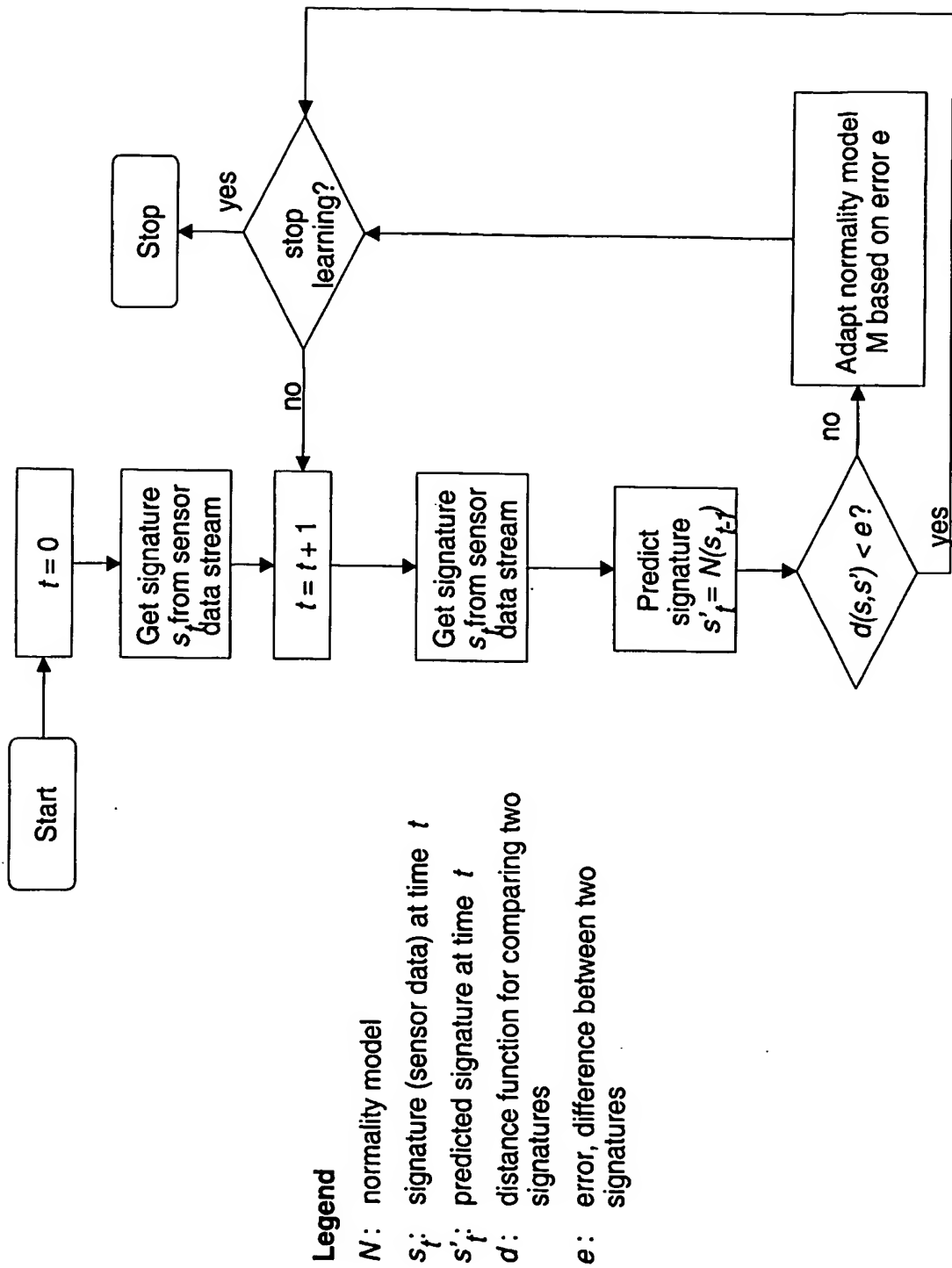


Figure 13

14/15

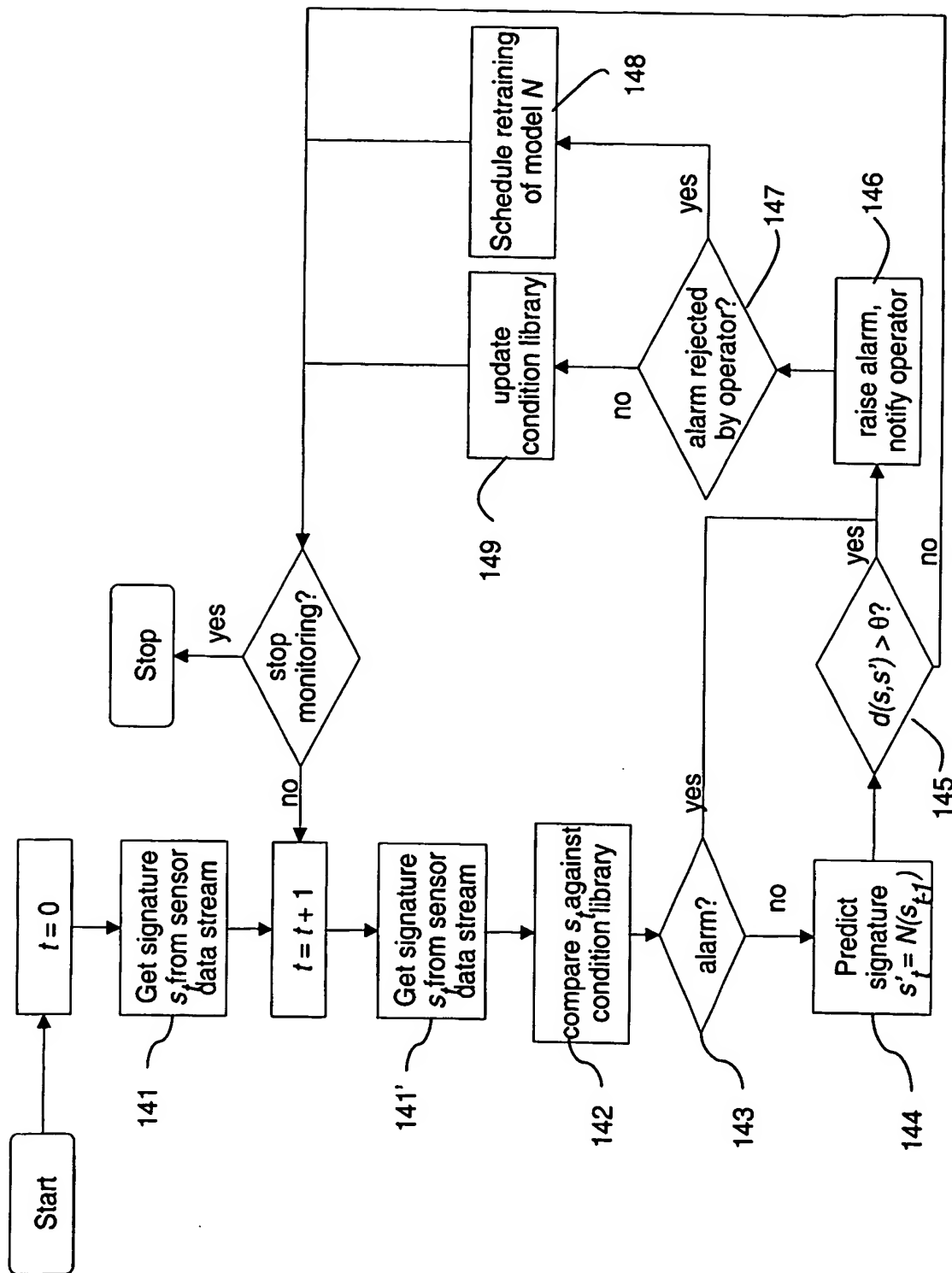
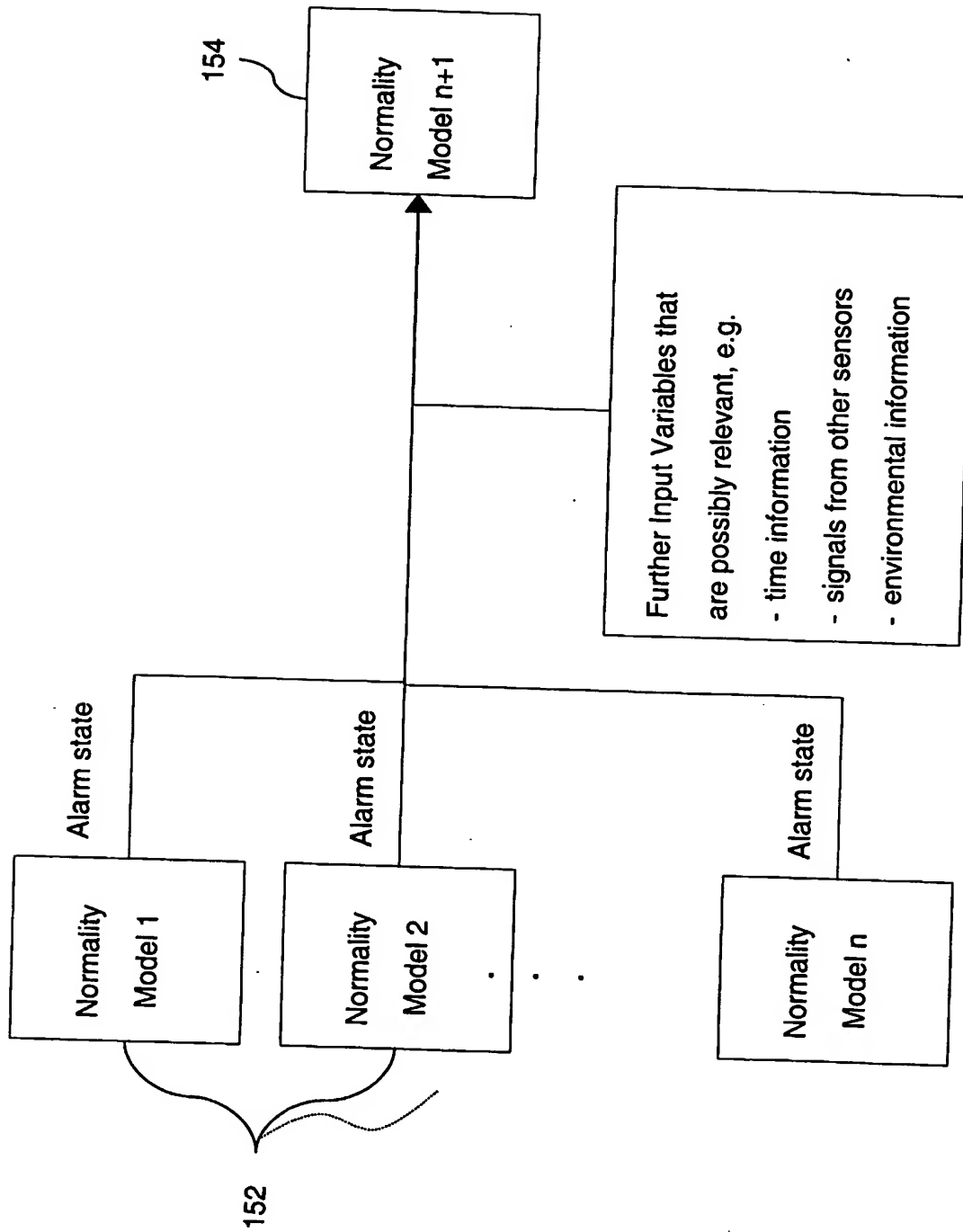


Figure 14

**Figure 15**